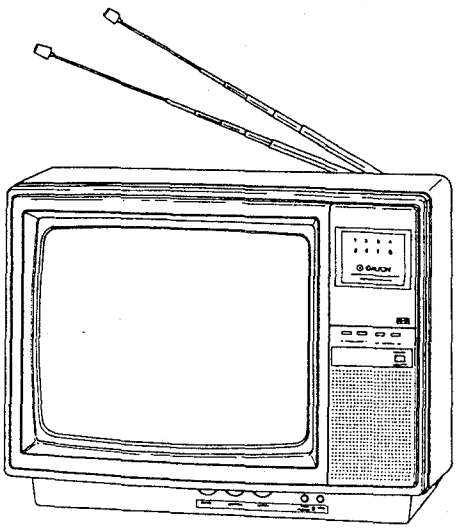
SCHALTPLAN

MODEL COLOR 5100RC

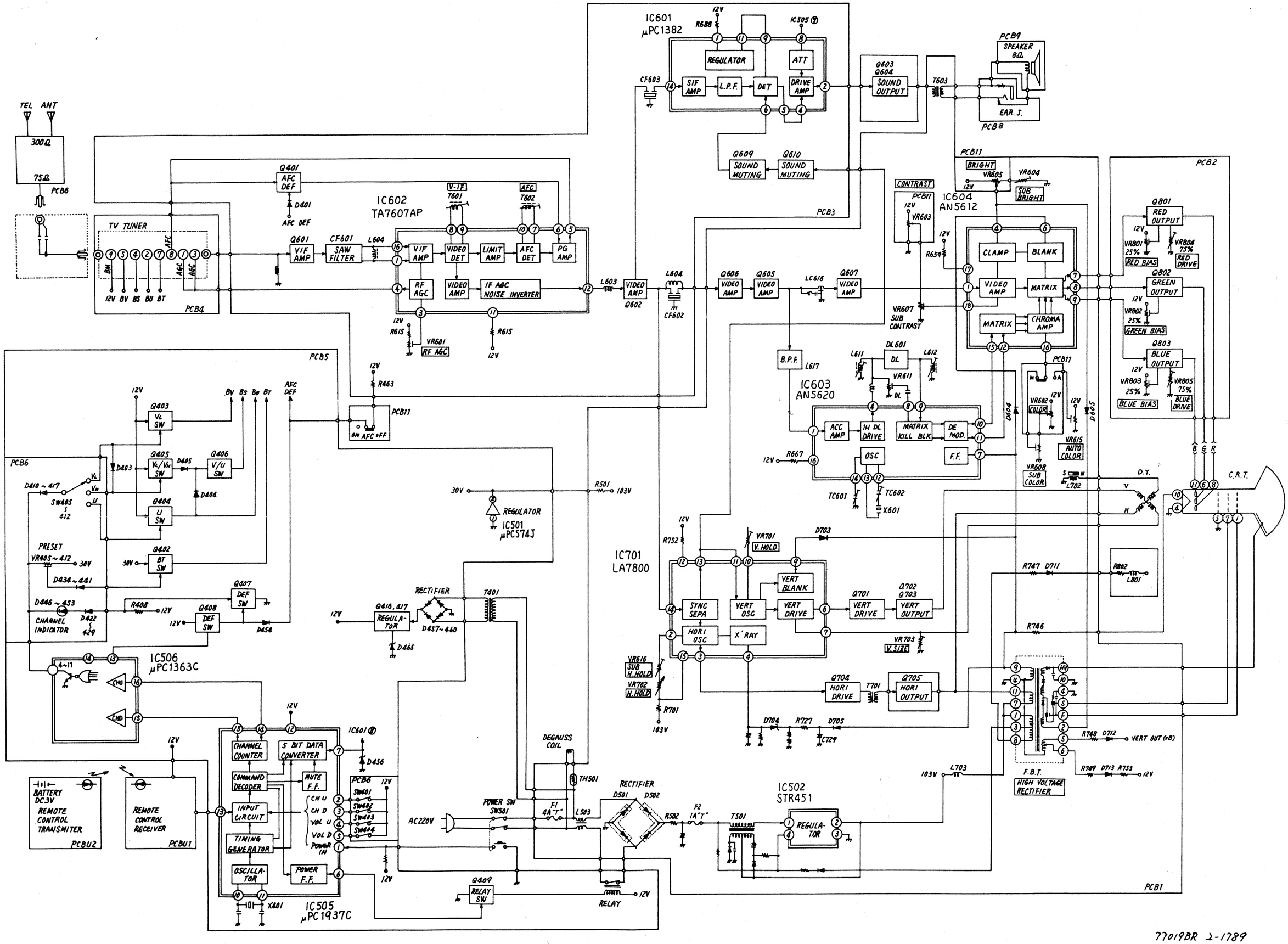
VHF/UHF 4000RC



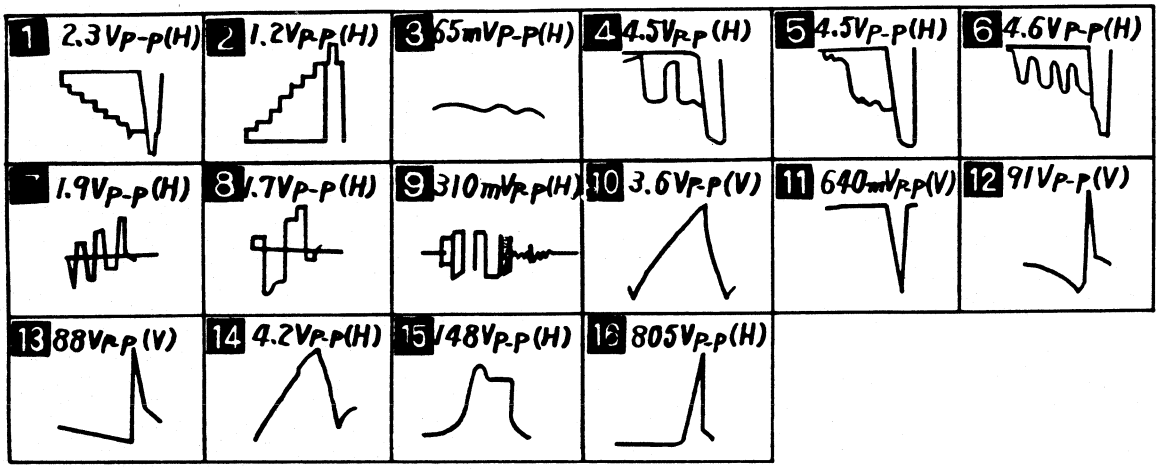
ORION

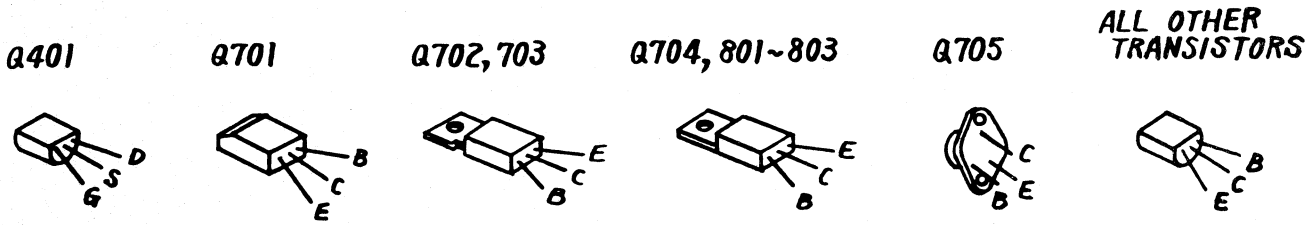
J27016'82
0402'82

PCB4 OP-1189
TUNER PACK ENV-77722F2
PCB6 OP-956
PCB7 TP-079
PCB5 OP-1191
PCB10 OP-1192
PCB11 OP-1215
PCB9 OP-1237
PCB8 OP-1167
PCB12 OP-1280
PCB3 OP-1188
PCBU1
PCBU2
PCB1 OP-1190
PCB2 OP-1138
IC601 μPC1382
IC602 TA7680AP
IC604 AN5620X
IC606 AN5612
IC503 μPC592H2
IC504 μPD1986D
IC505 μPD1937C
IC506 μPC1363C
IC502 STR-451
Q601 2SC388A
Q602 2SC945
Q603 2SD401
Q604 2SD401
Q605 2SC945
Q606 2SC945
Q607 2SC945
Q609 2SC945
Q610 2SC945
Q701 2SC1941
Q702 2SD401A
Q703 2SB546A
Q704 2SC1507
Q705 2SD493A
T701 1428
T702 FB-171
T703 RB-20851
T601 16055
T602 16056
T603 RB-20880K
L601 16034
L602 16034
L603 16034
L604 16084
L605 16034
L606 16034
L607 16034
L608 16034
L609 16034
L610 16034
L611 16034
L612 16034
L613 47μ
L614 10μ
L615 33μ
L616 BEADS CORE
L617 LC9743A2
L618 15μ
L701 1431
L702 1431
L703 18μ
L801 100μ
L803 330P
L804 680P
L805 680P
L806 0.0022
L807 2.7K (1/2W)
L808 2.7K
L809 2.7K
L810 2.7K
L813 47μ
J1 5 4 3 2 1
J2 1 2 3 4
J3 1 2 3 4
J4 6 5 4 3 2 1
J5 1 2 3
J6 1 2 3
J7 L706 DY-138
J8 VI CRT 510YUB22
J9 1 2
J10 3 2 1
J11 1 2
J12 1 2
J13 1 2 3
J14 3 2 1
J15 2 1
J16 2 1
J17 1 2 3 4 5 6 7 8 9 10 11 12
J18 CRT SOCKET
P1 5 4 3 2 1
P2 1 2 3 4
P3 1 2 3 4
P4 6 5 4 3 2 1
P5 1 2 3
P6 1 2 3
P7 1 2 3 4 5 6 7 8
P8 1 2 3 4
P9 1 2 3 4
P10 1 2 3 4
P11 1 2
P12 1 2
P13 1 2 3
P14 1 2 3 4
P15 2 1
P16 2 1
P17 1 2 3 4 5 6 7 8 9 10 11 12
P18 1 2 3 4 5 6 7 8 9 10 11
TELESCOPIC ANT
L401 FKMAPB42
SPI 8Ω
AC 220V
POWER SW
DEGAUSS L501
FLYBACK TRANS T702 FB-171
77019BR 1-1394

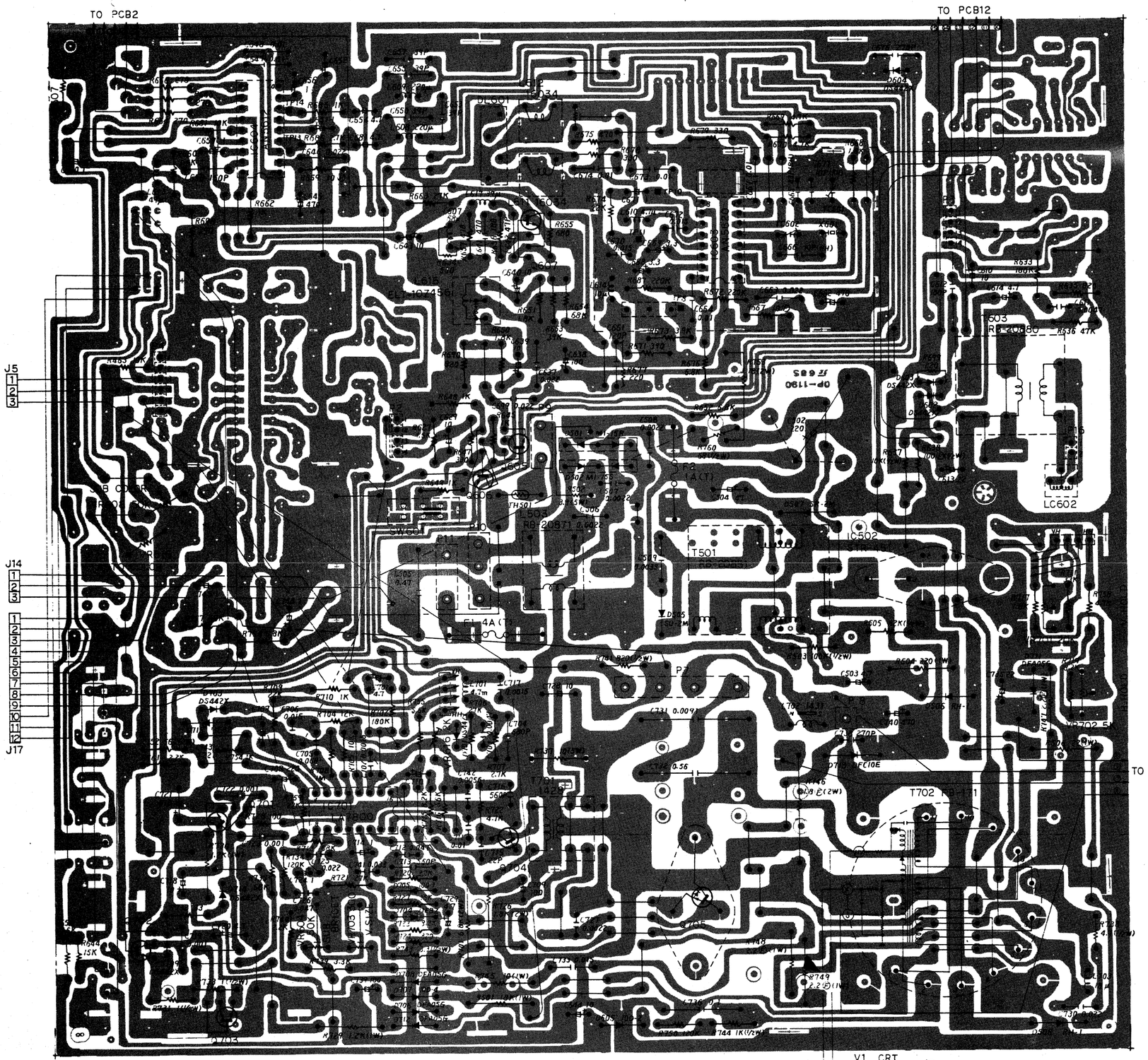


77019BR 2-1789


1 2.3Vp-p(H)
2 1.2Vp-p(H)
3 65mVp-p(H)
4 4.5Vp-p(H)
5 4.5Vp-p(H)
6 4.6Vp-p(H)
7 1.9Vp-p(H)
8 1.7Vp-p(H)
9 310mVp-p(H)
10 3.6Vp-p(V)
11 640mVp-p(V)
12 91Vp-p(V)
13 88Vp-p(V)
14 4.2Vp-p(H)
15 148Vp-p(H)
16 805Vp-p(H)


Q401
D
S
G
Q701
B
C
E
Q702, 703
E
C
B
Q704, 801~803
E
C
B
Q705
C
E
B
ALL OTHER TRANSISTORS
B
C
E

Q605,606,607
2SC945

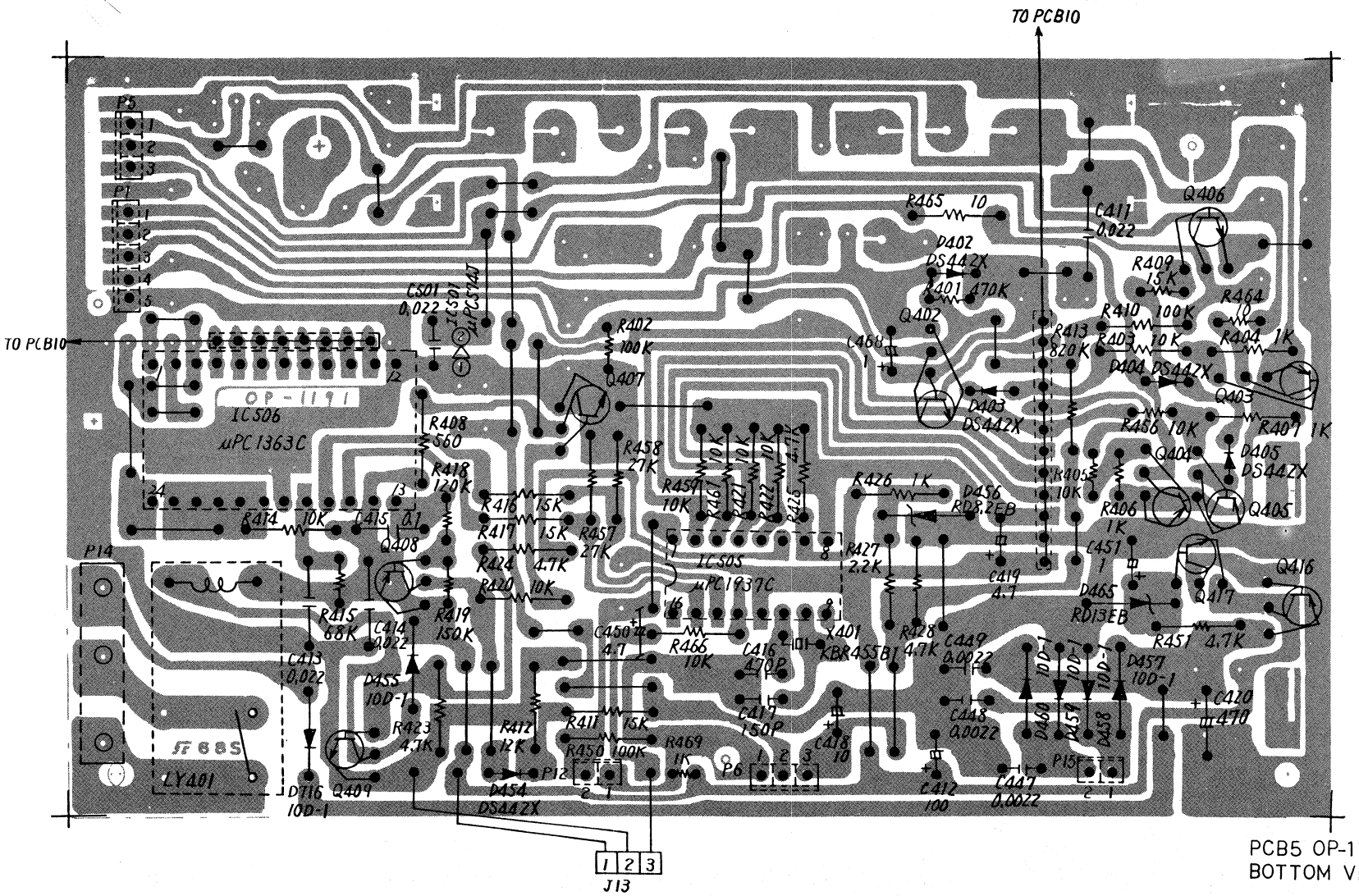


Q702 2SD401A
Q703 2SB546A
Q701 2SC1941
Q704 2SC1507
Q705 2SD993A

V1 CRT

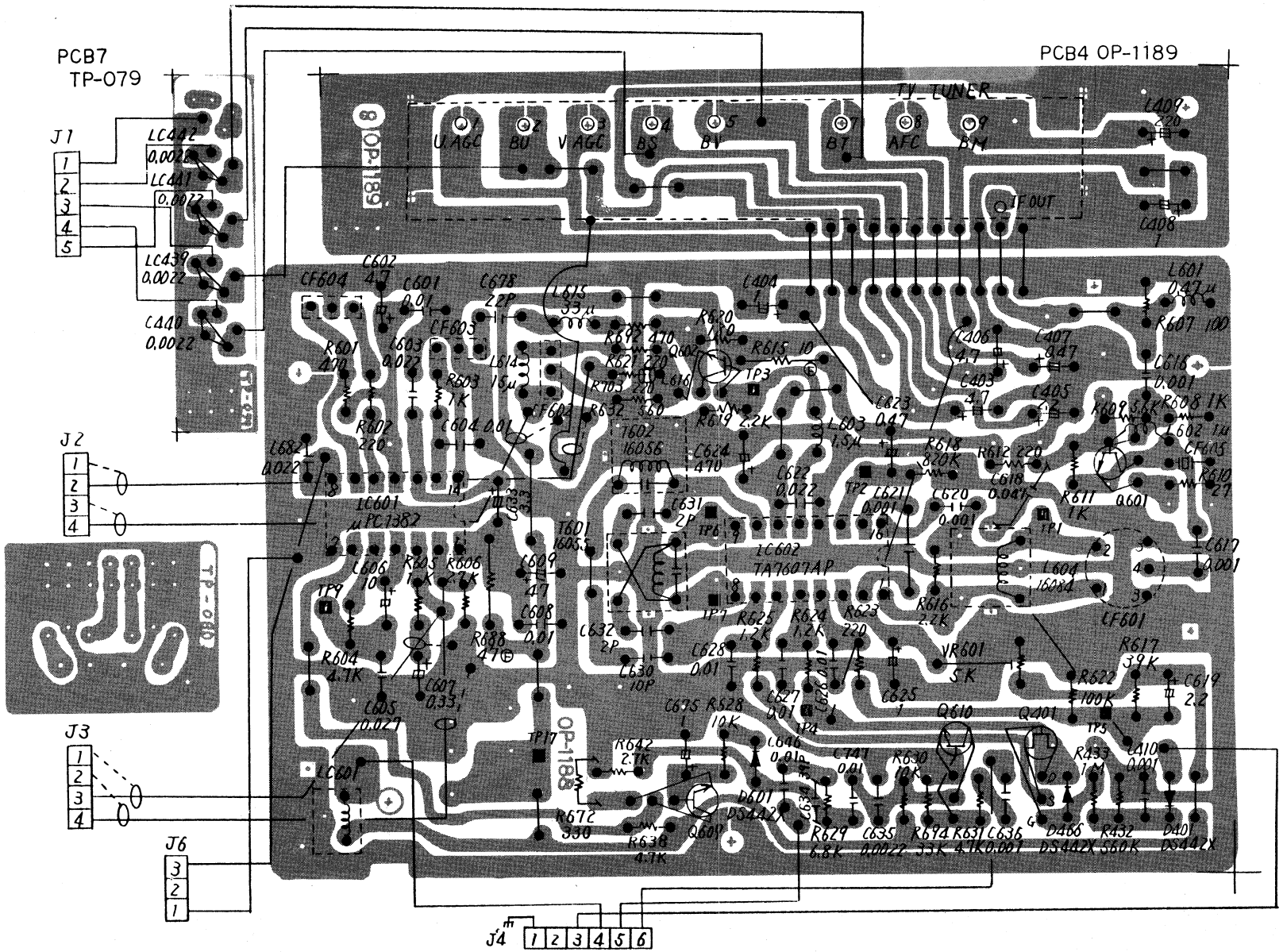
Q409 2SD471 Q408 2SA733

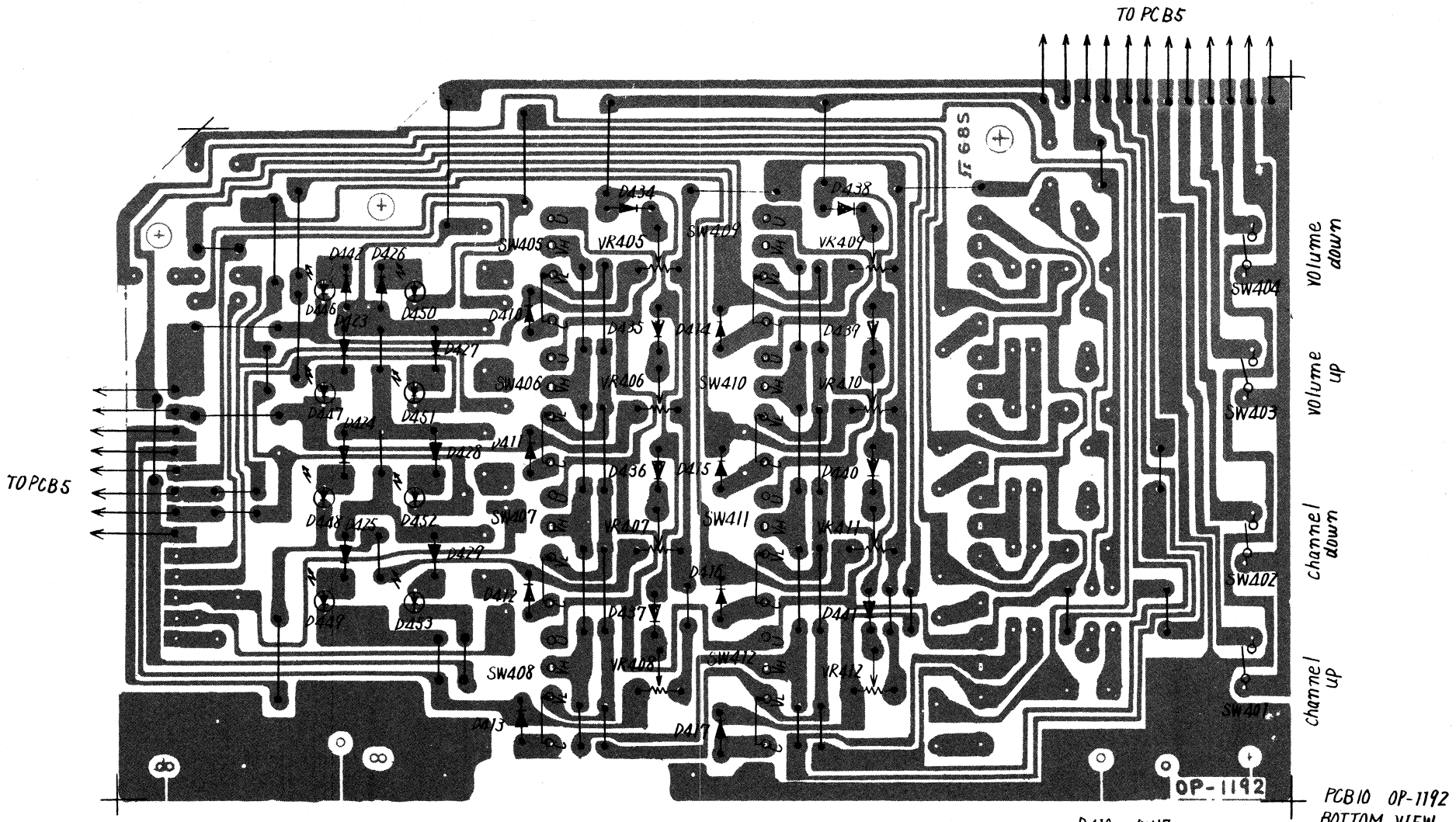
Q402,406,407,417 2SC945 Q403,404,405 2SA952 Q416 2SB772Q



PCB5 OP-1191
BOTTOM VIEW

77019BR
3-1408


PCB7
TP-079
PCB4 OP-1189
J1
J2
J3
J4
J6
OP-1189
OP-1188
TP-080
TV TUNER
U AGC
BU
V AGC
BS
BT
AFC
IF OUT
IC601 μPC1382
IC602 TA7607AP
Q601
Q610
Q401
VR601 5K
PCB3 OP-1188
BOTTOM VIEW
77019BR
3-1406
Q602,609,610
2SC945
Q401
2SK104
Q601
2SC388A

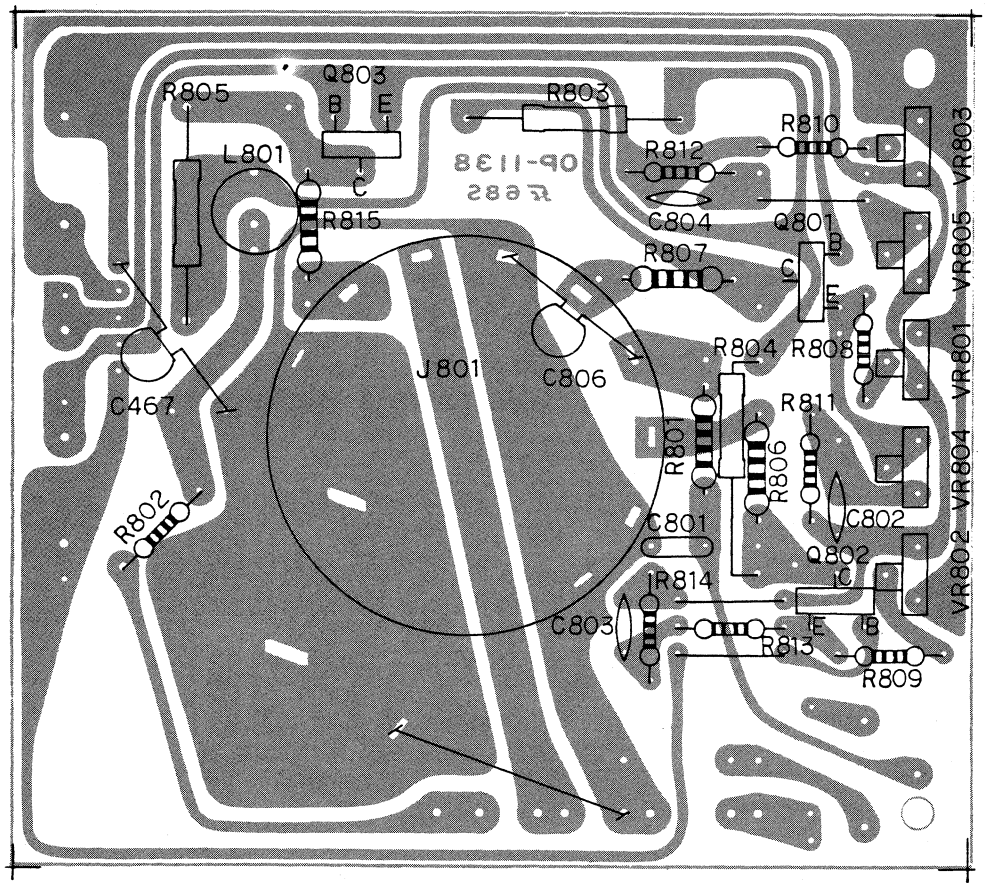


PCB10 OP-1192
BOTTOM VIEW
77019BR-40
3-1396

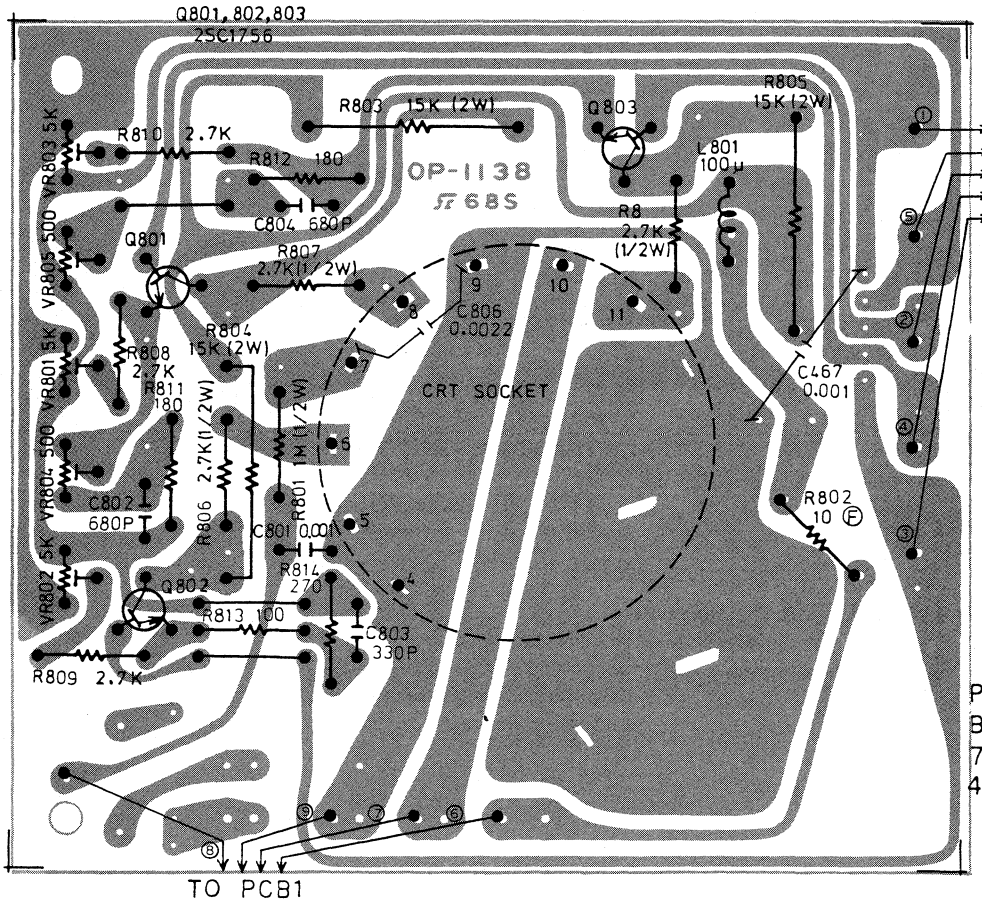
D410 ~ D417
D422 ~ D429
D435 ~ D441
DS442X

D446 ~ D453 LN31GPH

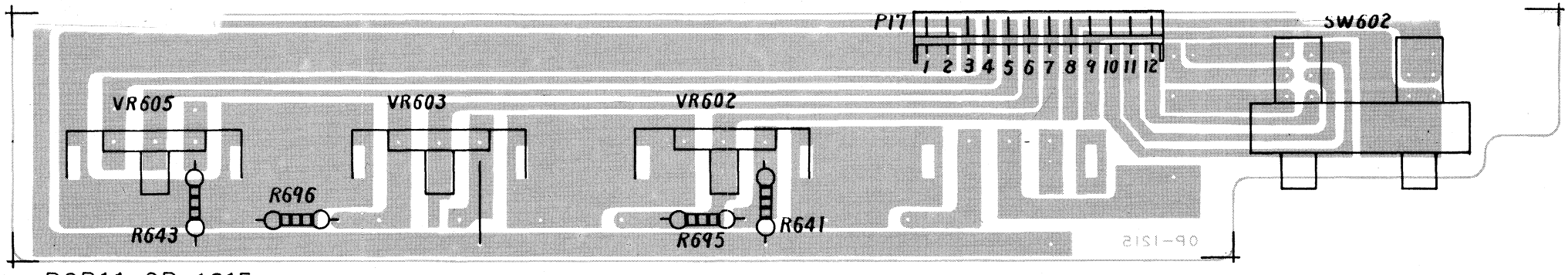
VR405 ~ VR412 50K



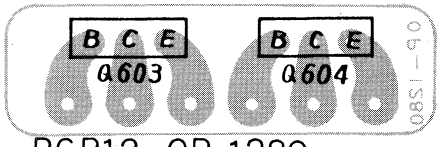
PCB2 OP-1138
TOP VIEW
77019BR
4-1586



PCB2 OP-1138
BOTTOM VIEW
77019BR
4-1587

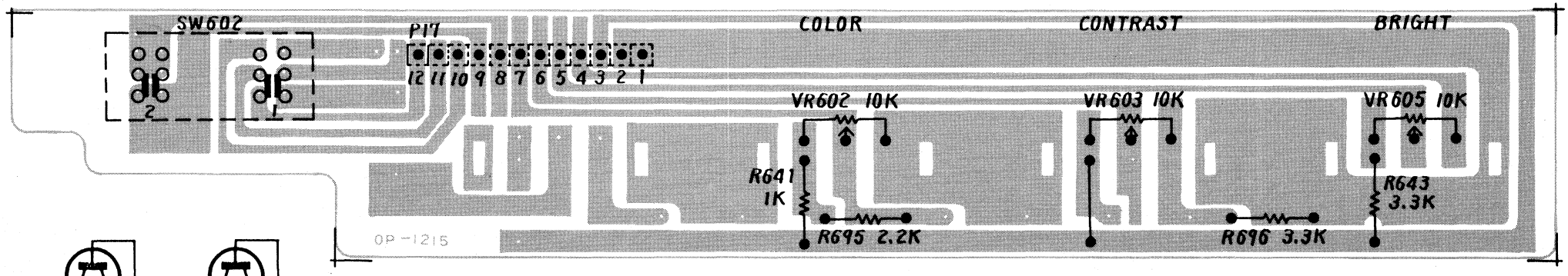


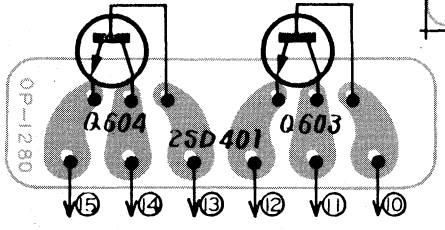
PCB11 OP-1215



PCB12 OP-1280

TOP VIEW





TO PCB1

BOTTOM VIEW

77019BR

4-1588